

AMENDMENTS TO THE CLAIMS

Please replace all prior versions of the claims with the following claim listing:

Claims:

1. (Currently Amended) A method for providing help services in a graphical user interface-based computer application, the method comprising the steps of:

providing a graphical user interface (GUI) screen having a first display portion for ~~providing~~ displaying the operations of standard application services of an active computer application and a second display portion for ~~providing~~ displaying dedicated help services based on the current operations of the standard application services provided by the computer application and displayed in the first display portion;

determining a user interaction via the first display portion;

based on the user interaction, providing a first standard application service associated with [[a]] the computer application for display in the first display portion; and

based on the first standard application service ~~provided~~ displayed in the first display portion, ~~providing~~ displaying dedicated help services in the second display portion;

wherein the dedicated help services are displayed continually in the second display portion while the computer application is active; and

wherein the second display portion is a dedicated portion of the entire GUI screen real estate, whereby the first display portion and second display portion do not overlap on the GUI screen.

2. (Original) The method of claim 1, further comprising the step of initiating the computer application.

3. (Original) The method of claim 1, wherein the step of determining a user interaction via the first display portion is via a cursor manipulated by a mouse.

4. (Original) The method of claim 1, wherein the dedicated help services provided in the second display portion are displayed using hypertext markup language (HTML).

5. (Original) The method of claim 1, wherein the computer application enables a user to interact with a model of a printed circuit board having at least one component soldered to the printed circuit board via at least one pin.

6. (Currently Amended) A computer program embodied in a computer-readable medium, the computer program comprising logic configured to:

provide a graphical user interface (GUI) screen having a first display portion for ~~providing~~ displaying the operations of standard application services of an active computer application and a second display portion for ~~providing~~ displaying dedicated help services based on the current operations of the standard application services provided by the computer application and displayed in the first display portion;

determine a user interaction via the first display portion;

based on the user interaction, provide a first standard application service associated with the computer application for display in the first display portion; and

based on the first standard application service ~~provided~~ displayed in the first display portion, ~~provide~~ display dedicated help services in the second display portion;

wherein the logic is further configured to display the dedicated help services continually in the second display portion while the computer application is active; and

wherein the second display portion is a dedicated portion of the entire GUI screen real estate, whereby the first display portion and second display portion do not overlap on the GUI screen.

7. (Original) The computer program of claim 6, wherein the logic is further configured to determine the user interaction via a cursor manipulated by a mouse.

8. (Original) The computer program of claim 6, wherein the dedicated help services provided in the second display portion are displayed using hypertext markup language (HTML).

9. (Original) The computer program of claim 6, wherein the standard application services provided in the first display portion enable a user to interact with a model of a printed circuit board having at least one component soldered to the printed circuit board via at least one pin.

10. (Original) The computer program of claim 6, wherein the standard application services provided in the first display portion enable a user to control an automatic x-ray inspection system configured to detect manufacturing defects in printed circuit boards.

11. (Currently Amended) A system for ~~providing~~ running a computer application, the system comprising:

logic configured to:

provide a graphical user interface (GUI) screen having a first display portion for ~~providing~~ displaying the operations of standard application services of an active computer application and a second display portion for ~~providing~~ displaying dedicated help services based on the current operations of the standard application services provided by the computer application and displayed in the first display portion;

determine a user interaction via the first display portion;

based on the user interaction, provide a first standard application service associated with the computer application for display in the first display portion; and

based on the first standard application service ~~provided~~ displayed in the first display portion of the graphical user interface, ~~provide~~ display dedicated help services in the second display portion;

a processing device configured to implement the logic; and

a display device configured to ~~support a graphical user interface~~ display the GUI screen;

wherein the display device continually displays the dedicated help services in the second display portion while the computer application is active; and

wherein the second display portion is a dedicated portion of the entire GUI screen real estate, whereby the first display portion and second display portion do not overlap on the GUI screen.

12. (Original) The system of claim 11, wherein the logic is further configured to determine the user interaction via a cursor manipulated by a mouse.

13. (Original) The system of claim 11, wherein the dedicated help services provided in the second display portion are displayed using hypertext markup language (HTML).

14. (Original) The system of claim 11, wherein the standard application services provided in the first display portion enable a user to interact with a model of a printed circuit board having at least one component soldered to the printed circuit board via at least one pin.

15. (Currently Amended) A system for providing a computer application, the system comprising:

[[a]] means for providing a graphical user interface associated with the computer application, the graphical user interface comprising a first portion for providing standard application services and a second portion for providing dedicated help services based on the standard application services provided in the first portion of the graphical user interface;

[[a]] means for determining a user interaction via the first portion of the graphical user interface;

[[a]] means for providing, based on the user interaction, a standard application service associated with the computer application in the first portion of the graphical user interface; and

[[a]] means for providing, based on the standard application service provided in the first portion of the graphical user interface, dedicated help services in the second portion of the graphical user interface.

16. (Original) The system of claim 15, wherein the standard application services provided in the first portion of the graphical user interface enable a user to interact with a model of a printed circuit board having at least one component soldered to the printed circuit board via at least one pin.

17. (Original) The system of claim 15, wherein the standard application services provided in the first portion of the graphical user interface enable a user to control an automatic x-ray inspection system configured to detect manufacturing defects in printed circuit boards.